

CLAIMS:

1. A system for simulating a data communication between a read/write station and a portable data carrier, which system comprising means defined below, that is to say: representation means representing a read/write station, and data carrier simulation means for simulating the behavior of the data carrier, and transmission means for transmitting data
5 between the representation means and the data carrier simulation means, characterized in that the representation means are formed by station simulation means and in that the station simulation means are provided for simulating the behavior of a read/write station arranged for a contactless data communication and in that the data carrier simulation means are arranged for simulating the behavior of a data carrier arranged for contactless data
10 communication.

2. A system as claimed in Claim 1, characterized in that a plurality of data carrier simulation means are provided which are each arranged for simulating the behavior of a data carrier arranged for a contactless data communication.

3. A system as claimed in Claim 2, characterized in that the plurality of data carrier simulation means are divided over various locations.

4. A system as claimed in Claim 2, characterized in that a plurality of data carrier simulation means are divided over various locations relative to the location of the station simulation means.

5. A system as claimed in Claim 1, characterized in that the transmission means are formed by means for realizing a data network.

6. A system as claimed in Claim 5, characterized in that the data network is arranged for communication in accordance with an Interprocess Communication protocol.

7. A system as claimed in Claim 6, characterized in that the data network is arranged for communication in accordance with the TCP/IP protocol.

8. A system as claimed in Claim 1, characterized in that the station simulation means comprise station contactless interface simulation means which are arranged for simulating the behavior of the contactless interface of the station simulation means and in that the station simulation means comprise station connection means which are arranged for connecting the station contactless interface simulation means to the transmission means.

9. A system as claimed in Claim 8, characterized in that the station connection means are arranged for connecting the station contactless interface simulation means to the transmission means in accordance with an Interprocess Communication protocol.

10. A system as claimed in Claim 9, characterized in that the station connection means are arranged for connecting the station contactless interface simulation means to the transmission means in accordance with the TCP/IP protocol.

11. A system as claimed in Claim 1, characterized in that the data carrier simulation means comprise data carrier contactless interface simulation means which are arranged for simulating the behavior of a contactless interface of the data carrier simulation means and in that the data carrier simulation means comprise data carrier connection means which are arranged for connecting the data carrier contactless interface simulation means to the transmission means.

12. A system as claimed in Claim 11, characterized in that the data carrier connection means are arranged for connecting the data carrier contactless interface simulation means to the transmission means in accordance with an Interprocess Communication protocol.

13. A system as claimed in Claim 12, characterized in that the data carrier connection means are arranged for connecting the data carrier contactless interface simulation means to the transmission means in accordance with the TCP/IP protocol.

14. A system part which is provided for simulating the behavior of a read/write station arranged for communication with a portable data carrier and which part includes representation means representing a read/write station, characterized in that the representation means are formed by station simulation means and in that the station simulation means are arranged for simulating the behavior of a read/write station arranged for a contactless data communication.

15. A system part as claimed in Claim 14, characterized in that the station simulation means comprise station contactless interface simulation means which are arranged for simulating the behavior of the contactless interface of the station simulation means and in that the station simulation means comprise station connection means which are arranged for connecting the station contactless interface simulation means to transmission means.

16. A system part as claimed in Claim 15, characterized in that the station connection means are arranged for connecting the station contactless interface simulation means to the transmission means in accordance with an Interprocess Communication protocol.

17. A system part as claimed in Claim 16, characterized in that the station connection means are arranged for connecting the station contactless interface simulation means to the transmission means in accordance with the TCP/IP protocol.

18. A system part which is provided for simulating the behavior of a portable data carrier arranged for communication with a read/write station and which parts includes data carrier simulation means which are arranged for simulating the behavior of a data carrier, characterized in that the data carrier simulation means are arranged for simulating the behavior of a data carrier arranged for a contactless data communication.

19. A system part as claimed in Claim 18, characterized in that the data carrier simulation means comprise data carrier contactless interface simulation means which are arranged for simulating the behavior of a contactless interface of the data carrier simulation means and in that the data carrier simulation means comprise data carrier connection means which are arranged for connecting the data carrier contactless interface simulation means to the transmission means.

20. A system part as claimed in Claim 19, characterized in that the data carrier connection means are arranged for connecting the data carrier contactless interface simulation means to the transmission means in accordance with an Interprocess Communication protocol.

21. A system part as claimed in Claim 20, characterized in that the data carrier connection means are arranged for connecting the data carrier contactless interface simulation means to the transmission means in accordance with the TCP/IP protocol.

22. A method of simulating a data communication between a read/write station and a portable data carrier, which method includes the following steps, that is: activating transmission means provided for transmitting data between representation means and data carrier simulation means, in which the representation means represent the read/write station and the data carrier simulation means are provided for simulating the behavior of the data carrier, and communicating data with the aid of the activated transmission means between the representation means and the data carrier simulation means, characterized in that with the aid of station simulation means arranged as representation means the behavior of a read/write station arranged for the contactless data communication is simulated and in that with the aid of data carrier simulation means arranged for this the behavior of a data carrier arranged for a contactless data communication is simulated and in that a contactless communication of data between the station simulation means and the data carrier simulation means is simulated.

23. A method as claimed in Claim 22 characterized in that with the aid of a plurality of data carrier simulation means arranged for this purpose the behavior of a plurality of data carriers arranged for contactless data communication is simulated and in that a contactless communication of data between the station simulation means and the plurality of data carrier simulation means arranged for contactless communication is simulated.

24. A method as claimed in Claim 23, characterized in that a contactless communication of data between the station simulation means and the plurality of data carrier simulation means divided over various locations is simulated.

25. A method as claimed in Claim 23, characterized in that a contactless communication of data between the station simulation means and the plurality of data carrier simulation means divided over various locations relative to the location of the station simulation means is simulated.

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